

```

=> s (?trihydroxy-biphenyl? and ?carbonyl? and ?amino? and ?phenyl?)/cns
    77580 ?TRIHYROXY/CNS
    841863 BIPHENYL?/CNS
        0 ?TRIHYROXY-BIPHENYL?/CNS
          ((?TRIHYROXY(W)BIPHENYL?)/CNS)
    3489253 ?CARBONYL?/CNS
    11178729 ?AMINO?/CNS
    22768508 ?PHENYL?/CNS
L5      0 (?TRIHYROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/
        CNS

=> s (?trihydroxybiphenyl? and ?carbonyl? and ?amino? and ?phenyl?)/cns
    19 ?TRIHYROXYBIPHENYL?/CNS
    3489253 ?CARBONYL?/CNS
    11178729 ?AMINO?/CNS
    22768508 ?PHENYL?/CNS
L6      0 (?TRIHYROXYBIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/
        CNS

=> s (?trihydroxy-biphenyl? and ?carbonyl? and ?phenyl?)/cns
    77580 ?TRIHYROXY/CNS
    841863 BIPHENYL?/CNS
        0 ?TRIHYROXY-BIPHENYL?/CNS
          ((?TRIHYROXY(W)BIPHENYL?)/CNS)
    3489253 ?CARBONYL?/CNS
    22768508 ?PHENYL?/CNS
L7      0 (?TRIHYROXY-BIPHENYL? AND ?CARBONYL? AND ?PHENYL?)/CNS

=> s (?trihydroxy-biphenyl? and 3-carbonyl? and ?phenyl?)/cns
    77580 ?TRIHYROXY/CNS
    841863 BIPHENYL?/CNS
        0 ?TRIHYROXY-BIPHENYL?/CNS
          ((?TRIHYROXY(W)BIPHENYL?)/CNS)
    20439333 3/CNS
    2553284 CARBONYL?/CNS
    2766 3-CARBONYL?/CNS
          ((3(W)CARBONYL?)/CNS)
    22768508 ?PHENYL?/CNS
L8      0 (?TRIHYROXY-BIPHENYL? AND 3-CARBONYL? AND ?PHENYL?)/CNS

=> s (?trihydroxy-biphenyl? and 3-carbonyl?)/cns
    77580 ?TRIHYROXY/CNS
    841863 BIPHENYL?/CNS
        0 ?TRIHYROXY-BIPHENYL?/CNS
          ((?TRIHYROXY(W)BIPHENYL?)/CNS)
    20439333 3/CNS
    2553284 CARBONYL?/CNS
    2766 3-CARBONYL?/CNS
          ((3(W)CARBONYL?)/CNS)
L9      0 (?TRIHYROXY-BIPHENYL? AND 3-CARBONYL?)/CNS

=> s (?trihydroxy-biphenyl?)/cns
    77580 ?TRIHYROXY/CNS
    841863 BIPHENYL?/CNS
L10     0 (?TRIHYROXY-BIPHENYL?)/CNS
          ((?TRIHYROXY(W)BIPHENYL?)/CNS)

=> s (2,3,4-trihydroxy-biphenyl?)/cns
    95919 2,3,4/CNS
    77290 TRIHYROXY/CNS

```

```

      841863 BIPHENYL?/CNS
L11      0 (2,3,4-TRIHIDROXY-BIPHENYL?)/CNS
          ((2,3,4(W)TRIHIDROXY(W)BIPHENYL?)/CNS)

=> s (2,3,4-trihydroxy-biphenyl)/cns
      95919 2,3,4/CNS
      77290 TRIHIDROXY/CNS
      830477 BIPHENYL/CNS
L12      0 (2,3,4-TRIHIDROXY-BIPHENYL)/CNS
          ((2,3,4(W)TRIHIDROXY(W)BIPHENYL)/CNS)

=> s (?biphenyl? and ?carbonyl? and ?amino? and ?phenyl?)/cns
      843307 ?BIPHENYL?/CNS
      3489253 ?CARBONYL?/CNS
      11178729 ?AMINO?/CNS
      22768508 ?PHENYL?/CNS
L13      67368 (?BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/CNS

=> s acetic acid/cns
      749917 ACETIC/CNS
      11628582 ACID/CNS
L14      747937 ACETIC ACID/CNS
          ((ACETIC(W)ACID)/CNS)

=> s l13 and l14
L15      1492 L13 AND L14

=> s (?triophen-2yl)/cns
      1 ?TRIOPHEN/CNS
      6 2YL/CNS
L16      0 (?TRIOPHEN-2YL)/CNS
          ((?TRIOPHEN(W)2YL)/CNS)

=> s (?thiophen-2yl)/cns
      31729 ?THIOPHEN/CNS
      6 2YL/CNS
L17      0 (?THIOPHEN-2YL)/CNS
          ((?THIOPHEN(W)2YL)/CNS)

=> s (?thiophen-2yl?)/cns
      31729 ?THIOPHEN/CNS
      10 2YL?/CNS
L18      0 (?THIOPHEN-2YL?)/CNS
          ((?THIOPHEN(W)2YL?)/CNS)

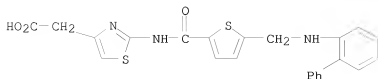
=> s (?thiophen?)/cns
L19      630033 (?THIOPHEN?)/CNS

=> s l13 and l14 and l19
L20      15 L13 AND L14 AND L19

=> d rn str

L20 ANSWER 1 OF 15 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1069092-03-0 REGISTRY

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=> s (?trihydroxy?)/cns
L21      92328 (?TRIHIDROXY?)/CNS

=> s l13 and l14 and l19 and l21
L22      0 L13 AND L14 AND L19 AND L21

=> s (?trihydroxy-biphenyl-3-carbonyl?)/cns
       77580 ?TRIHIDROXY/CNS
       830477 BIPHENYL/CNS
       20439333 3/CNS
       2553284 CARBONYL?/CNS
L23      0 (?TRIHIDROXY-BIPHENYL-3-CARBONYL?)/CNS
          ((?TRIHIDROXY(W)BIPHENYL(W)3(W)CARBONYL?)/CNS)

=> s (?biphenyl-3-carbonyl?)/cns
       830937 ?BIPHENYL/CNS
       20439333 3/CNS
       2553284 CARBONYL?/CNS
L24      54 (?BIPHENYL-3-CARBONYL?)/CNS
          ((?BIPHENYL(W)3(W)CARBONYL?)/CNS)

=> s (?2-amino-phenyl?)
LEFT TRUNCATION IGNORED FOR FILE 'REGISTRY'
       34126501 2
       11177101 AMINO
       12771 AMINOS
       11177101 AMINO
          (AMINO OR AMINOS)
       22754425 PHENYL?
L25      23619 (?2-AMINO-PHENYL?)
          (?2(W)AMINO(W)PHENYL?)
```

Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

```
=> s (?2-amino-phenyl?)/cns
'?2' NOT LONG ENOUGH FOR LEFT TRUNCATION
You have entered a truncated stem whose length is less than
the minimum allowed for left truncation in the requested
search field. You may increase the length of the stem to
the minimum allowed and try again. Enter HELP SFIELDS to
to find the minimum stem length for left truncation in
the requested search field.
```

```
=> s (2-amino-phenyl?)/cns
28246519 2/CNS
8192642 AMINO/CNS
11799889 PHENYL?/CNS
L26      224 (2-AMINO-PHENYL?)/CNS
          ( (2(W)AMINO(W)PHENYL?)/CNS)

=> s (5-thiophen-2yl)/cns
13039708 5/CNS
20220 THIOPHEN/CNS
6 2YL/CNS
L27      0 (5-THIOPHEN-2YL)/CNS
          ( (5(W)THIOPHEN(W)2YL)/CNS)

=> s (5-thiophenyl)/cns
13039708 5/CNS
57 THIOPHENYL/CNS
L28      0 (5-THIOPHENYL)/CNS
          ( (5(W)THIOPHENYL)/CNS)

=> s (5-thiophenyl?)/cns
13039708 5/CNS
130 THIOPHENYL?/CNS
L29      0 (5-THIOPHENYL?)/CNS
          ( (5(W)THIOPHENYL?)/CNS)

=> s (?5-thiophenyl?)/cns
'?5' NOT LONG ENOUGH FOR LEFT TRUNCATION
You have entered a truncated stem whose length is less than
the minimum allowed for left truncation in the requested
search field. You may increase the length of the stem to
the minimum allowed and try again. Enter HELP SFIELDS to
to find the minimum stem length for left truncation in
the requested search field.
```

```
=> s (?thiophenyl?)/cns
L30      988 (?THIOPHENYL?)/CNS
```

```
=> d his
```

```
(FILE 'HOME' ENTERED AT 08:18:50 ON 16 APR 2009)

FILE 'CAPLUS' ENTERED AT 08:32:47 ON 16 APR 2009
E US2007-593259/APP5
L1      1 S E3
        SEL RN 1-

FILE 'REGISTRY' ENTERED AT 08:36:00 ON 16 APR 2009
62 S E1-E62

FILE 'CAPLUS' ENTERED AT 08:51:03 ON 16 APR 2009
S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENY

FILE 'REGISTRY' ENTERED AT 08:52:32 ON 16 APR 2009
L3      0 S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL

FILE 'CAPLUS' ENTERED AT 08:52:42 ON 16 APR 2009
L4      0 S L3

FILE 'REGISTRY' ENTERED AT 08:52:55 ON 16 APR 2009
```

```

L5      0 S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENY
L6      0 S (?TRIHIDROXYBIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL
L7      0 S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?PHENYL?)/CNS
L8      0 S (?TRIHIDROXY-BIPHENYL? AND 3-CARBONYL? AND ?PHENYL?)/CNS
L9      0 S (?TRIHIDROXY-BIPHENYL? AND 3-CARBONYL?)/CNS
L10     0 S (?TRIHIDROXY-BIPHENYL?)/CNS
L11     0 S (2,3,4-TRIHIDROXY-BIPHENYL?)/CNS
L12     0 S (2,3,4-TRIHIDROXY-BIPHENYL)/CNS
L13     67368 S (?BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/CNS
L14     747937 S ACETIC ACID/CNS
L15     1492 S L13 AND L14
L16     0 S (?THIOPHEN-2YL)/CNS
L17     0 S (?THIOPHEN-2YL)/CNS
L18     0 S (?THIOPHEN-2YL?)/CNS
L19     630033 S (?THIOPHEN?)/CNS
L20     15 S L13 AND L14 AND L19
L21     92328 S (?TRIHIDROXY?)/CNS
L22     0 S L13 AND L14 AND L19 AND L21
L23     0 S (?TRIHIDROXY-BIPHENYL-3-CARBONYL?)/CNS
L24     54 S (?BIPHENYL-3-CARBONYL?)/CNS
L25     23619 S (?2-AMINO-PHENYL?)/CNS
L26     224 S (2-AMINO-PHENYL?)/CNS
L27     0 S (5-THIOPHEN-2YL)/CNS
L28     0 S (5-THIOPHENYL)/CNS
L29     0 S (5-THIOPHENYL?)/CNS
L30     988 S (?THIOPHENYL?)/CNS

```

```

=> s 124 and 125 and 126 and 130
L31     0 L24 AND L25 AND L26 AND L30

```

```

=> s 124 and 125
L32     1 L24 AND L25

```

```

=> s 126 and 130
L33     0 L26 AND L30

```

```

=> s 124 and 125 and 130
L34     0 L24 AND L25 AND L30

```

```

=> s 124 and 130
L35     0 L24 AND L30

```